		88888888888 888888888888 8888888888	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR		
III	111	888 888	RRR RRR	TTT	ili
iii	III	888 888	RRR RRR	ŤŤŤ	ili
LLL	III	888 888	RRR RRR	ŤŤŤ	iii
LLL	III	BBB BBB	RRR RRR	ŤŤŤ	III
LLL	III	888 888	RRR RRR	ŤŤŤ	iii
LLL	111	888 888	RRR RRR	ŤŤŤ	III
LLL	III	BBBBBBBBBBBB	RRRRRRRRRRR	TTT	LLL
LLL	III	BBBBBBBBBBB	RRRRRRRRRRR	TTT	LLL
LLL	III	8888888888	RRRRRRRRRRR	TTT	LLL
LLL	III	888 888	RRR RRR	TTT	LLL
LLL	III	888 888	RRR RRR	TTT	LLL
LLL	III	BBB BBB	RRR RRR	TTT	LLL
LLL	III	888 888	RRR RRR	TTT	LLL
LLL	III	888 888	RRR RRR	TTT	LLL
LLL	III	BBB BBB	RRR RRR	TTT	LLL
LLLLLLLLLLLLLLL	111111111	8888888888	RRR RRR	III	LLLLLLLLLLLLLLLLL
LLLLLLLLLLLLLLLL	IIIIIIIII	8888888888	RRR RRR	III	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL
LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL	111111111	88888888888	RRR RRR	TTT	LLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLLL

LI

\$	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	RRRRRRRR RRRRRRRR RR RR RR RR RR RR RRRRRR	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	000000 00 00 00 00	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	YY
		\$				

- The interlock macros cannot be used from a routine called

Page

STRSCOPY 1-015		16-Sep-1984 01:35:39 14-Sep-1984 12:40:04	VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1	Page (1)
58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73	0058 1 0059 1 0060 1 0061 1 0062 1 0063 1 0065 1 0066 1 0067 1 0068 1 0069 1 0070 1 0071 1 0072 1	with a JBS because of the ENABLE. JBS 15-NOV-1979 1-011 - String speedup, remove edit 10. RW 8-Jan-1980 1-012 - Reorganize string copying routines to use the correspondence of the sensitive to the newly-added classes of descriptors. Remove string interlocking code. RKR 31-1-013 - Speed up by special-casing classes of descriptors that like fixed string descriptors. To bring performance back to Version 2 levels, it becomecessary to replicate the logic found in LIB\$SCOPY_R in STR\$COPY_R R8. RKR 18-NOV-T981 1-014 - Add support for class SO string descriptor. DG 3-0CT-1-015 - Change class SO string descriptor to SB. DG 27-Feb-19-19-19-19-19-19-19-19-19-19-19-19-19-	onding of -MAR-1981 t "read" ame _DX6 -1983.	

ST 1-

```
M 5
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
                                                                                                                                                 VAX-11 Bliss-32 V4.0-742
CLIBRTL.SRCJSTRCOPY.B32:1
                                                                                                                                                                                                             Page
                                                                                                                                                                                                                     (3)
                                       GLOBAL ROUTINE STR$COPY_DX (
    ! Copy string
                                                     DEST_DESC.
                                                                                                            Pointer to dest str desc
Pointer to input str desc
                          13442344567
1133445467
113344567
1133557
11335667
113667
113667
113667
113667
113667
113667
                                          FUNCTIONAL DESCRIPTION:
                                          This routine copies a source string to a destination string where both the source and destination may be of any class or any dtype. This is the CALL entry point, it puts the parameters in the correct place and JSBs to the JSB entry point.
                                           FORMAL PARAMETERS:
                                                    DEST_DESC.wt.dx
                                                                                            pointer to destination string descriptor
                                                     SRC_BESC.rt.dx
                                                                                            pointer to source string descriptor
                                           IMPLICIT INPUTS:
                                                    NONE
                                           IMPLICIT OUTPUTS:
                                                    NONE
                                          COMPLETION CODES:
                                                                               Success
                                                    SS$_NORMAL
                                                    STRS_TRU
                                                                               Truncation occured. Warning.
                                          SIDE EFFECTS:
                                          Will signal STR$_INSVIRMEM if no heap memory to allocate strings or STR$_ILLSTRCLA if class in descriptor is not supported.
                                                    RETURN (STR$COPY_DX_R8 ( .DEST_DESC, .SRC_DESC) ); !End of STR$COPY_DX
                                                                                                                          .TITLE
                                                                                                                                       STR$COPY
                                                                                                                          .EXTRN
.EXTRN
.EXTRN
                                                                                                                                       STRS_FATINTERR, STRS_INSVIRMEM
STRS_ILLSTRCLA, STRS_TRU
STRS_NORMAL, LIB$STOP
                                                                                                                          .PSECT
                                                                                                                                       _STR$CODE,NOWRT, SHR, PIC,2
                                                                                                                                       STR$COPY_DX, Save R2,R3,R4,R5,R6,R7,R8
DEST_DEST, R0
STR$COPY_DX_R8
                                                                                                                          .ENTRY
                                                                                                                                                                                                                   1335
1374
                                                                50
                                                                                    0000V
                                                                                                                          BSBW
RET
                                                                                                                                                                                                                   1375
```

Page (3)

N 5 16-Sep-1984 01:35:39 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:40:04 [LIBRTL.SRC]STRCOPY.B32;1

; Routine Size: 10 bytes, Routine Base: _STR\$CODE + 0000

STRSCOPY

B 6 16-Sep-1984 01:35:39 14-Sep-1984 12:40:04 STRSCOPY 1-015 VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRCJSTRCOPY.B32;1 (4) GLOBAL ROUTINE STR\$COPY_R (! Copy a string DEST_DESC. SRC_CEN. SRC_ADDR Pointer to dest str desc Value of src string length Pointer to source string FUNCTIONAL DESCRIPTION: This routine copies a source string to a destination string where both the source and destination may be of any class or any dtype. This is the CALL with source string by reference entry point, it puts the parameters in the correct place and JSBs to the JSB entry point. FORMAL PARAMETERS: DEST_DESC.wt.dx SRC_CEN.rwu.r pointer to destination string descriptor addr of value of length of source string SRC_ADDR.rt.r pointer to source string IMPLICIT INPUTS: NONE IMPLICIT OUTPUTS: NONE COMPLETION CODES: SS\$_NORMAL Success STRS_TRU Truncation occured. Warning. SIDE EFFECTS: Will signal STR\$ INSVIRMEM if no heap memory to allocate strings or STR\$_ILLSTRCLA if class in descriptor is not supported. BEGIN
RETURN (STR\$COPY_R_R8 (.DEST_DESC, ..SRC_LEN, .SRC_ADDR));
Lend of STR\$COPY_R 01FC 00 00 00 00 00 00 STR\$COPY_R, Save R2,R3,R4,R5,R6,R7,R8 SRC_ADDR, R2 aSRC_LEN, R1 DEST_DESC, R0 STR\$COPY_R_R8 1376 1420 .ENTRY AC BC OOOOV MOVL MOVL BSBW RET 1421

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** ** ** ** ** ** **

C 6 16-Sep-1984 01:35:39 YAX-11 BLiss-32 V4.0-742 14-Sep-1984 12:40:04 [LIBRTL.SRC]STRCOPY.B32:1

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; Routine Size: 18 bytes, Routine Base: _STR\$CODE + 000A

```
D 6
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
                                                                                                                                        VAX-11 Bliss-32 V4.0-742 
[LIBRTL.SRC]STRCOPY.B32;1
                                     GLOBAL ROUTINE STRSCOPY_DX_R8 (
    ! Copy string
                                                 DEST_DESC.
                                                                                                     Pointer to dest str desc
Pointer to input str desc
                                                                                   ) : STR$JSB_COPY_DX =
                                       FUNCTIONAL DESCRIPTION:
                                        This routine copies a source string to a destination string where both the source and destination may be of any supported class. It JSBs to the routine which does the actual copy by reference on
                                        the source.
                                        FORMAL PARAMETERS:
                                                 DEST_DESC.wt.dx
SRC_DESC.rt.dx
                                                                                      pointer to destination string descriptor
                                                                                      pointer to source string descriptor
                                        IMPLICIT INPUTS:
                                                 NONE
                                        IMPLICIT OUTPUTS:
                                                 NONE
                                        COMPLETION CODES:
                                                 SS$_NORMAL
                                                                          Success.
Truncation occurred.
                                                 STR$_TRU
                                                                                                           Warning.
                                        SIDE EFFECTS:
                        1456
1457
1458
1459
1461
1462
1463
1464
1466
1467
1471
1472
1473
                                       Will signal STR$ INSVIRMEM if no heap memory to allocate strings or STR$_ILLSTRCLA if class in descriptor is not supported.
                                           BEGIN
                                                 SRC_DESC : REF BLOCK [.BYTE]:
                                           IF .SRC_DESC [DSC$8_CLASS] LEQU DSC$K_CLASS_D THEN
                                                                                     .DEST_DESC.
.SRC_DESC [DSC$W_LENGTH].
.SRC_DESC [DSC$A_POINTER] ) ) ;
                                                 RETURN (STRSCOPY_R_R8 (
                                                 END
                                           ELSE
                                                 BEGIN
                                                       IN ADDR :
```

STR\$COPY 1-015 : 290 : 291 : 292 : 293 : 294	1479 1480 1481 1482 1483	PANON I	\$STR\$(RETURN END; END;	GET L	EN_ADDR (SRC	DES					Page 10 (5)
		51 7E 50	04	AE 02 AE 52 51 50 5E 52 50 5E	03 50 03 61 10 50 04 9E 24 04 8E 24 04 60 10 04 60 10 50 60 10 50 60 10 60 10 60 50 60 60 60 60 60 60 60 60 60 60 60 60 60	B 0111000000000000000000000000000000000	0001E 00021 00025 0002A 0002F 00035 00035 00042 00045 00048	STRSC: 18: 28: 38: 48:	EXTRN DPY DX R8: PUSAR CLRL ADDL3 CMPB BGTRU INCL ADDL3 MOVZWL BRB BLBC MOVZWL ADDL3 MOVL ADDL3 MOVL ADDL3 MOVL BRB MOVL BRB MOVL BRB MOVL SBW ADDL2 RSB	STR\$ANALYZE_SDESC_R1 **M^M <ro,r1> RO #3, SRC_DESC, R1 (R1), #2 1\$ RO #4, SRC_DESC, -(SP) a(SP)+, R2 aSRC_DESC, R1 4\$ RO, 2\$ aSRC_DESC, IN_LEN #4, SRC_DESC, RO (RO), IN_ADDR 3\$ SRC_DESC, RO STR\$ANALYZE_SDESC_R1 RO, R3 R1, R2 IN_LEN, R1 DEST_DESC, RO STR\$COPY_R_R8 #8, SP</ro,r1>	1422 1467 1470 1479

Routine Base: _STR\$CODE + 001C

; Routine Size: 76 bytes,

6 STRSCOPY 16-Sep-1984 01:35:39 14-Sep-1984 12:40:04 VAX-11 Bliss-32 V4.0-742 LIBRTL.SRCJSTRCOPY.B32;1 (6) Page GLOBAL ROUTINE STRSCOPY_R_R8 (! Copy a string DEST DESC, SRC_EN, SRC_ADDR Pointer to dest str desc Value of len of src string Pointer to source string) : STR\$JSB_COPY_R = FUNCTIONAL DESCRIPTION: This routine copies a source string specified by a length and a pointer, to a destination string specified by a descriptor, where both the source and destination may be of any class or any dtype. This routine uses the macros to prevent ASTs on the source and destination strings, and then JSBs to the routine which does the actual copy by reference on the source FORMAL PARAMETERS: DEST_DESC.wt.dx SRC_EN.rwu.v SRC_ADDR.rt.r pointer to destination string descriptor value of source string length pointer to the source string IMPLICIT INPUTS: NONE IMPLICIT OUTPUTS: NONE COMPLETION CODES: SSS NORMAL STRS_TRU Sucess. Truncation occurred. Warning. SIDE EFFECTS: Will signal STR\$ INSVIRMEM if no heap memory to allocate to strings, and STR\$ ILLSTRCLA if class in descriptor is not one supported by SRM BEGIN LOCAL RETURN_STATUS: MAP DEST_DESC : REF BLOCK [,BYTE], SRC_TEN : WORD UNSIGNED ; Select the class of descriptor. Return the status resulting from the copy operation.

(6)

•

Page

```
STRSCOPY
1-015
                                                                                                16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
                                                                                                                                     VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRC]STRCOPY.B32;1
    dynamic destination string
                                               [DSCSK_CLASS_D]:
BEGIN
IF $STR$NEED_ALLOC (.SRC_LEN,
($STR$DYN_AL_LEN (DEST_DESC)))
                     P
                       XIF XBLISS (BLISS16) OR XBLISS (BLISS36)
                                                                                                               if not VAX must not CH$MOVE with overlap
                                   THEN
OR SSTRSOVERLAP (.SRC_ADDR, .SRC_LEN,
.DEST_DESC [DSCSA_POINTER], .SRC_LEN)
                                                      THEN
                                                            BEGIN
                                                                                                 ! cannot directly fill dest
                                                            LOCAL
                                                                  LOC_RET_STAT,
                                                                                                   status of calls to Allocate
                                                                  TEMP_DESC : $STR$DESCRIPTOR;
                                                                                                                           create temp
                                                                  LOC_RET_STAT = $STR$ALLOCATE (.SRC_LEN, TEMP_DESC);
! alloc Temp
                                                                    Allocate will only return STR$ NORMAL or STR$ INSVIRMEM, therefore if it wasn't success, don't continue copying
   IF (.LOC_RET_STAT)
                                                                              BEGIN ! successful allocate
CH$MOVE (.SRC_LEN, .SRC_ADDR, ! copy to temp
.TEMP_DESC [DSC$A_POINTER]);
$STR$EXCH_DESC$ (TEMP_DESC, DEST_DESC);
                                                                                                                            switch temp
                                                                                                                            and dest
                                                                              LOC_RET_STAT = $STR$DEALLOCATE (TEMP_DESC);
! return former
                                                                                                                           string
                                                                                 $STR$DEALLOCATE returns either STR$_NORMAL or STR$_FATINTERR.
                                                                               IF NOT .LOC_RET_STAT
                                                                                    RETURN_STATUS = STR$_FATINTERR;
! successful allocate
                                                                              RETURN_STATUS = STR$_INSVIRMEM : cannot directly fill dest
                                                            END
                                                      ELSE
                                                           BEGIN ! directly fill dest CH$MOVE (.SRC_LEN, .SRC_ADDR, ! write dest .DEST_DESC_EDSC$A_POINTER]);
```

\$1

(7)

TR\$COPY -015 441 442 443 444 445 446	1628 5 1629 4 1630 4 1631 4 1632 3 1633 3	DEST_DESC [DSCSI END; .RETURN_STATUS END;	16-Sep-1984 01:35:39 14-Sep-1984 12:40:04 LENGTH] = SRC LEN: directly fill dest return the s	Page 14 (7)

\$1 1-

ST 1-

Page

```
16-Sep-1984 01:35:39
14-Sep-1984 12:40:04
STRSCOPY
                                                                                                                                           VAX-11 Bliss-32 V4.0-742
ELIBRTL.SRCJSTRCOPY.B32;1
    Varying string descriptor
                                                   [DSC$K_CLASS_VS]: ! Varying string descriptor
BEGIN
IF (.SRC_LEN LEQU .DEST_DESC [DSC$W_MAXSTRLEN] )
THEN ! fits within MAXLEN, copy and update CURLEN
                                                               BEGIN
                                                              SSS_NORMAL
                                                                              Won't fit within MAXLEN. Only copy MAXLEN's worth of data and update CURLEN to MAXLEN
                                                        ELSE
                                                               BEGIN
                                                              CH$MCVE (.DEST_DESC [DSC$W_MAXSTRLEN], .SRC_ADDR,
.DEST_DESC [DSC$A_POINTER] + 2);
(.DEST_DESC [DSC$A_POINTER])<0,16> =
.DEST_DESC [DSC$W_MAXSTRLEN];
                                                               STR$_TRU
                                                                                        ! return truncation status
                                                               END
                                                        END :
                                                                                        ! of Varying string descriptor
                                        Unsupported class descriptor
                                                  [INRANGE, OUTRANGE]:
STRS_ILLSTRCLA;
                                                                                        ! Unsupported class of descriptor
                                                                                           end of set on class code
                                           $STR$SIGNAL FATAL (RETURN_STATUS);
RETURN .RETURN_STATUS;
                                            END:
                                                                                                                 !End of STR$COPY_R_R8
                                                                                                                                STR$$INIT, STR$$V_INIT
STR$$ALOC_SHORT
STR$$Q_SHORT_Q, LIB$GET_VM
STR$$MOVQ_R1, LIB$FREE_VM
                                                                                                                    .EXTRN
                                                                                                                    .EXTRN
                                                                                         C2 00000 STR$COPY R R8::
                                                             5E
                                                                                                                                 #20, SP
                                                                                                                                                                                                         1484
                                                                                              00003
00005
00008
0000B
0000D
00012
                                                                                52
51
50
01
A6
002A
                                                                                                                    PUSHL
                                                                                         DO
DO
DD
8F
                                                             58
56
                                                                                                                    MOVL
                                                                                                                    MOVL
                                                                                                                                       R6
                                                                                                                    PUSHL
                                                                                                                                                                                                         1541
1542
                                    OF 003C
                                                          00
002A
                                                                           03
                                                                                                                                 3(DEST_DESC), #0, #15
38-18,=
                                                                                                                    CASEB
              0020
                                                                                                                     -WORD
```

03 12 00046 BNEQ 4\$ 01BB 31 00048 BRW 34\$ 01C9 31 0004B 4\$: BRW 36\$	STRSCOPY 1-015							1	6-Sep- 4-Sep-	1984 01:35: 1984 12:40:	39 VAX-11 Bliss-32 V4.0-742 04 [LIBRTL.SRC]STRCOPY.B32;1	Page	17
066 20 04 BE 04 BC 00042	0020 01DF 002A	0020 01CD 0020		0020 0020 0020		01CD 0020 0020		0001A 00022 0002A			38-18 - 58-18 - 28-18 - 28-18 - 28-18 - 28-18 - 38-18 - 38-18 - 328-18 - 328-18 -		
066 20 04 BE 04 86 00042				6E	000000000	5 8F	D0	00032	28:	MOVL	28-18,- 28-18,- 38-18 #STR\$ ILLSTRCLA, RETURN STATUS		
1564 1574	66	20	04			01E2	31 20	00039 00030		BRW MOVC5	378 SRC_LEN, @SRC_ADDR, #32, (DEST_DESC)		1562
1572 1572 1572 1573 1574 1574 1574 1574 1575					04	86 50		00042		TSTL	a4 (DEST_DESC)		1564
1572 1572 1572 1573 1574 1574 1574 1574 1575						018B	31	00048		BMED	48 .		
00F0 8F 66 B1 0005E 68: CMPW (DEST_DESC), #240 50 66 3C 00065 BRB 88 50 71 100068 BRB 88 60 80 100069 BRB 88 60 80 100071 88: CMPW R1, STRING BLOCK R0, #240 60 78 88 88 60 80 100071 88: CMPW R0, #240 60 80 100071 88: CMPW (DEST_DESC), #240 60 80 100086 BRB 118 60 60 80 10086 BRB 118 60 60 80 10088 BRB 118 60 80 10099 BRB 118 60 80 10099 BBRB 178 60 80 10099 BBRB 178 60 80 10099 BBRB 178				51	04	A6 52 51 06 52	DO D4 D5 12 D6	0004B 0004E 00052 00054 00056	5\$:	MOVL CLRL TSTL BNEQ INCL	4(DEST_DESC), R1 R2 R1 6\$		1578
50			0.05.0	AF		13	11	0005C	48.	BRB	8\$ (DEST DESC) #240		
50			0010			05	18	00063		MOV 7UI	(DEST DESC) DD		
50						07	11	00068 0006A	78:	BRB (8\$ R1. STRING BLOCK		
50		O	000000F0	50 8F	FE	A0 50	3C	0006D 00071	85:	MOVZUL	-2(STRING_BLOCK), RO		
50						23 52	1F E9	00078 0007A		BLSSU BLBC	12\$ R2, 9\$		
50						50 13	D4	0007D 0007F		CLRL BRB	RO 11\$		
50			00F0			05	B1 18	00081	95:	BLEQU	(DEST_DESC), #240 10\$	•	
50 FE AO 3C 00090 MOVZWL -2(STRING BLOCK), RO 50 58 10 00 ED 00094 118: CMPZV WO, W16, SRC_LEN, RO 23 13 00099 BEQL 16\$ 24 11 0009B BRB 17\$ 04 52 E9 00090 128: BLBC R2, 13\$ 50 D4 000AO CLRL RO 13 11 000A2 BRB 15\$ 00FO 8F 66 B1 000A4 138: CMPW (DEST_DESC), W240						07	11	00088	100.	BRB	(DEST_DESC), RU 11\$		
23 13 00099 BEQL 16\$ 24 11 0009B BRB 17\$ 04 52 E9 0009D 12\$: BLBC R2.13\$ 50 D4 000AD CLRL R0 13 11 000A2 BRB 15\$ 00FO 8F 66 B1 000A4 13\$: CMPW (DEST_DESC), #240	50	6.0		50	FE	AO	3C	00090	118.	MOVZWL	-2(STRING BLOCK), RO		
04 \$2 E9 00090 12\$: BLBC R2, 13\$ 50 D4 000A0 CLRL R0 13 11 000A2 BRB 15\$ 00F0 8F 66 B1 000A4 13\$: CMPW (DEST_DESC), #240	30	76		10		23	13	00099	110:	BEOL	16\$		
00F0 BF 66 B1 000A2 BRB 15\$ 00F0 BF 66 B1 000A4 138: CMPW (DEST_DESC), #240				04		\$2	E9	00090	128:	BLBC	R2. 13\$	•	
			0050	8£		13	11	000A2	138:	BRB 1	15\$ (DEST_DESC)		
50 66 3C 000AB MOVZWL (DEST_DESC), RO			00.0			05	18 30	000A9	,,,,,	BLEQU	143 (DEST DESC), RO		

ST 1-

R2, STRING_BLOCK

MOVL

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ST 1-

RSCOPY -015								1	-Sep-	1984 01:35 1984 12:40	:39 VAX-11 Bliss-32 V4.0-742 F :04 [LIBRTL.SRC]STRCOPY.B32:1	Page 1
				51	FE	A1 51	3C	0018A 0018E		MOVZWL	-2(STRING_BLOCK), ALLOC_LENGTH	:
			00	51 51 B1	0000000G0	07 041 62	SA SE SE	00190 00193 0019B 0019F		BICB2 MOVAB INSQUE	#7, R1 STR\$\$Q_SHORT_Q[R1], INSQUE_ADDR (R2), B0(INSQUE_ADDR) 29\$	
			oc	AE	18 18 00	AE	9F 3C	001A1	28\$:	BRB PUSHAB MOVZWL PUSHAB	TEMP_DESC+4 TEMP_DESC, 12(SP) 12(SP)	
			0000000G	00	OC	OS VE	FB FB	001A9		CALLS	12(SP) #2, LIB\$FREE_VM_	
				50	0000000G	8F	00	001B3 001B6 001BD	298:	CALLS BLBS MOVL MOVL BLBS MOVL BRB	#2, LIBSFREE VM RETURN STATUS, 29\$ #STRS FATINTERR, RETURN STATUS RETURN STATUS, LOC_RET_STAT LOC_RET_STAT, 37\$ #STRS_FATINTERR, RETURN_STATUS	
				5B 6E	000000006	57 8F	E8	001C0 001C3		BLBS	LOC RET STAT, 37\$ #STRS_FATINTERR, RETURN_STATUS	161
				6E	000000006	8F	DO	001CA 001CC	30\$:	BRB MOVL	#STRS_INSVIRMEM, RETURN_STATUS	: 160
		61	04	BE 66		58 58	28 B0	001D3 001D5 001DA	31\$:	MOVL BRB MOVC3 MOVW	SRC_LEN, @SRC_ADDR, (R1) SRC_LEN, (DEST_DESC) 37\$	161 161 162 157 162 162 163
OC A6		20	04	BE	04	3F 58	11 20	001DD 001DF	32\$:	BRB MOVC5	SRC_LEN, @SRC_ADDR, #32, 12(DEST_DESC), -	163
					04	50 28	D5 12	001E8 001EA		TSTL	a4(DEST_DESC) RO 36\$	165
				6E		01	DO 11	001EC		MOVL BRB	#1 RETURN_STATUS	165
				50 66	04	A6 58	9E B1	001F1 001F5	33\$:	MOVAR	4(DEST_DESC), RO SRC_LEN, (DEST_DESC) 35\$: 166
	0	2 A7	04	57		60	DO	001FA 001FA		MOVI	(RO) R7	166
	0	L AT	04	BE 67 6E		60 58 58 01	28 BÚ DO	00203	34\$:	MOVW	SRC_LEN, asrc_ADDR, 2(R7) SRC_LEN, (R7) #1, RETURN_STATUS	166
				57		13	11 D0	00209 0020B	358:	MOVL BRB MOVL MOVC3	100	167
	0	2 A7	04	BE 67	00000000	60 66 8F	D0 28 B0 D8	0020E 00214	740.	MOVW	(DEST_DESC), aSRC_ADDR, 2(R7) (DEST_DESC), (R7)	168
04		6E		10 03	000000006	6E	E8 ED	0021E	36\$: 37\$:	MOVL BLBS CMPZV	WSTR\$ TRU, RETURN STATUS RETURN STATUS, 38\$ WO, W3, RETURN STATUS, W4	168 167 169
•		0.0				00 09 6E 01	12	00226		BNEQ	38\$	
			00000000G	00 50 5E		01 8E 18	FB DO	0022A 00231	38\$:	MOVL	RETURN STATUS #1, LIB\$STOP RETURN STATUS, RO #24, SP	169 169
				25		18	05	00237		MOVL ADDL2 RSB	#24. SP	: 169

STRSCOPY 1-015 VAX-11 Bliss-32 V4.0-742 [LIBRTL.SRCJSTRCOPY.B32;1 Page 20 (10) 1698 1 END 1699 1 1700 0 ELUDOM !End of module PSECT SUMMARY Name Bytes Attributes _STR\$CODE 672 NOVEC, NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC, ALIGN(2) Library Statistics ----- Symbols -----Pages Processing File Total Loaded Percent Mapped Time _\$255\$DUA28:[SYSLIB]STARLET.L32:1 9776 17 581 00:00.8 COMMAND QUALIFIERS BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LISS:STRCOPY/OBJ=OBJS:STRCOPY MSRCS:STRCOPY/UPDATE=(ENHS:STRCOPY) 672 code + 0 data bytes 00:12.2 00:47.6 Run Time: Elapsed Time: 00:12.6 : Elapsed Time: 00:47.6 : Lines/CPU Min: 8340 : Lexemes/CPU-Min: 33895 : Memory Used: 202 pages : Compilation Complete

0214 AH-BT13A-SE

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